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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : TOKIWA
Serial No :
Confirm. No. :
Filed :
For : METHOD AND APPARATUS...
Art Unit :
Examiner :
Dated : October 29, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Attached please find Form PTO-1449 together with the references as stated in the specification.

- Japanese Published Unexamined Patent Application No. Sho-58(1983)-20457 as discussed on Page 2 of the specification. No translation is available at this time. However attached is an English language abstract.

- Japanese Published Unexamined Patent Application No. Hei-1(1989)-192558 as discussed on Page 2 of the specification. No translation is available at this time. However attached is an English language abstract.

- Japanese Published Unexamined Patent Application No. Hei-3(1991)-11900 as discussed on Page 2 of the specification. No translation is available at this time. However attached is an English language abstract.

- Japanese Published Unexamined Patent Application No. Sho-63(1988)-22651 as discussed on pages 3 and 4 of the specification. No translation is available at this time.

- Japanese Published Unexamined Patent Application No. Hei-1(1989)192559 as discussed on pages 3 and 4 of the specification. No translation is available at this time. However attached is an English language abstract.

- Japanese Published Unexamined Patent Application No. Hei-7(1995)-246700 as discussed on pages 3 and 4 of the specification. No translation is available at this time. However attached is an English language abstract.

- Japanese Published Unexamined Patent Application No. Hei-7(1995)-304162 as discussed on pages 3 and 5 of the specification. No translation is available at this time. However attached is an English language abstract.

Respectfully submitted
for Applicant,

By:



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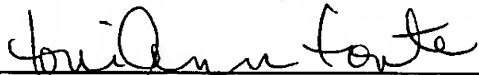
Enclosed: PTO-1449 Form
copies of (7) References

DATED: October 29, 2003
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SHOULD ANY OTHER FEE BE REQUIRED, THE PATENT AND TRADEMARK OFFICE IS HEREBY REQUESTED TO CHARGE SUCH FEE TO OUR DEPOSIT ACCOUNT 13-0410.

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SCARBOROUGH STATION, SCARBOROUGH, NY 10510-0827

BY:  DATE: October 29, 2003

LIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 71183
Ser. No.:
Applicant: TOKIWA
Filing Date:
Group:

U.S. PATENT DOCUMENTS

Examiner Document No. Date Name Sub-Class class Filing Date
Initial

FOREIGN PATENT DOCUMENTS

Examiner Document No. Date Country Sub-Class class Translation
Initial Yes/No

	<u>JP 58-020457</u>	<u>Feb. 5, 1983</u>	<u>Japan</u>			<u>No</u>
	<u>JP 01-192558</u>	<u>Aug. 2, 1989</u>	<u>Japan</u>			<u>No</u>
	<u>JP 03-011900</u>	<u>Jan. 21, 1991</u>	<u>Japan</u>			<u>No</u>
	<u>JP 63-22651</u>	<u>Jan. 30, 1988</u>	<u>Japan</u>			<u>No</u>
	<u>JP 01-192558</u>	<u>Aug. 2, 1989</u>	<u>Japan</u>			<u>No</u>
	<u>JP 07-246700</u>	<u>Sept. 26, 1995</u>	<u>Japan</u>			<u>No</u>
	<u>JP 07-304162</u>	<u>Nov. 21, 1995</u>	<u>Japan</u>			<u>No</u>

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Author Date Title Textbook in Translation
Initial Yes/No

Examiner

Date Considered